DD/A Registry
82-0538/101
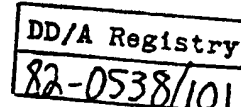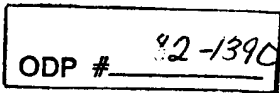
ORD-1164-82

15 September 1982

ODP # 82-139C

MEMORANDUM FOR: Director/Consolidated SAFE Project Office
Office of Data Processing

FROM            :   [                    ]                                           STAT
Chief, Information Systems Research Division
Processing and Analysis Technology Group
Office of Research and Development

SUBJECT         :   Follow-up to Briefings, 2 September 1982


   1.   Some of the work in ISRD may have medium or near-term application to the SAFE project.

   2.   The Security Guard technology may be of interest if any portion of a SAFE data base will be accessed from outside the system and you wish to protect against unauthorized release of compartmented material.  We would be happy to brief any other members of CSPO or any relevant contractors if desired.

   3.   We will keep you informed on the results of the security audit trail work.  This might be a good time to look at any special SAFE audit trail requirements in conjunction with your security officer.

   4.   [                ] of CSPO is on an advisory panel following        STAT
the work on evaluating search and retrieval strategies being done at the University of Utah.  Representatives from ASG/CPAS/DDI are also on the panel.  This mechanism gives ISRD the benefit of the SAFE and interim-SAFE expertise in this and keeps SAFE informed on the progress of the research.  We trust this will continue to our mutual benefit.

   5.   The next phase of the Crisis Management research involves the construction and uses of data bases by analysts during a crisis.  During this effort, we will gather what data we can for CSPO as discussed in the attached memorandum from [        ]          STAT
We believe that CSPO is aware of our earlier Crisis Management experiences in supporting task force analysts with electronic mail, message storage and retrieval, and particularly, our computer editing facilities.  (This is the editor which takes a naive user about 20 minutes to learn.)  However, we are always happy to discuss the research.

SUBJECT:  Follow-up to Briefings, 2 September 1982

6.  If the SAFE design team plans to do any performance modeling, our work at the University of Maryland may turn out to be useful.  We can arrange to provide consulting and advice as well as access to the queuing models.

7.  It does not appear as though our Open Source work nor our Intelligence Systems work is of immediate interest to CSPO. In both these areas, we are working closely with ASG.  Therefore, we expect that any long-range impact our research and SAFE might have on one another will be brokered by them.

8.  Should you require more information on the Intelligence Production Laboratory, [                    ] can be reached on           STAT
STAT
STAT

Attachment:
   As Stated

✓cc:  Deputy Director for
         Administration

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ODP-82-0156
SAF-E073-82
08 FEB 1982

MEMORANDUM FOR:                                                                    STAT

Information Systems Research Division
Processing and Analytical Technology Group
Office of Research and Development

FROM        :                                                                      STAT

Chief, Systems Engineering
Consolidated SAFE Project Office
Office of Data Processing

SUBJECT     :   Database Research in Crisis Management

REFERENCE   :   ORD-1490-81


     The referenced research activity is pertinent to SAFE
development.  Some of the questions we have that the Crisis
Management research might address include:

     o   What data structures (sub-schema) do analysts create?

     o   How dynamic are these structures?

     o   How often are the data structures changed and under
         what conditions (user scenario) are they changed?

     o   What queries (and their complexity relative to the
         data structures) are generated by the analysts?

     o   With what frequency are querys generated?

     o   What type of report generation/presentation of
         information is requested by the analysts?

     o   What are the relationships between the input message
         traffic and the data structures generated by the
         analysts?

     o   What are the viewing habits of analysts examining their
         message traffic (mail) - rates of examination and
         disposition of material (save, discard, extract)?

     This research is germane to the intelligence process in
general.  Therefore both CIA and DIA elements of CSPO are
interested in the research activity.  We would appreciate
knowing more about the specific research activities selected

by ORD, in this area. At your convenience, would it be
possible for a presentation or discussion of ORD's Crisis
Management research to be provided to us? My telephone

STAT
STAT

Attachment: As Stated

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